

Silane, diethyl(1-naphthoxy)octyloxy-

Inchi: InChI=1S/C22H34O2Si/c1-4-7-8-9-10-13-19-23-25(5-2,6-3)24-22-18-14-16-20-15-11-12-
InchiKey: HYOJWQUUUQRHDG-UHFFFAOYSA-N
Formula: C22H34O2Si
SMILES: CCCCCCCO[Si](CC)(CC)Oc1cccc2cccc12
Mol. weight [g/mol]: 358.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.72		Crippen Method
logp	7.078		Crippen Method
rinpol	2437.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363801&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/37-703-0/Silane-diethyl-1-naphthoxy-octyloxy.pdf>

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